

L Number	Hits	Search Text	DB	Time stamp
1	7881	(toner\$2 NEAR10 (low! OR exhaust\$5))	USPAT	2004/04/19 09:28
2	0	((toner\$2 NEAR10 (low! OR exhaust\$5))) SAME email\$2	USPAT	2004/04/19 09:28
3	1	((toner\$2 NEAR10 (low! OR exhaust\$5))) SAME e-mail\$2	USPAT	2004/04/19 09:28
4	1	((toner\$2 NEAR10 (low! OR exhaust\$5))) SAME ((notification\$2 OR alert\$2 OR notify\$4) NEAR5 (email\$3 OR e-mail\$2 OR message! OR messages!))	USPAT	2004/04/19 09:30
5	30	((toner\$2 NEAR10 (low! OR exhaust\$5))) NEAR20 ((notification\$2 OR alert\$2 OR notify\$4 OR email\$3 OR e-mail\$2 OR message! OR messages!)) NOT @AD>19991230	USPAT	2004/04/19 09:31
6	0	((toner\$2 NEAR10 (low! OR exhaust\$5))) NEAR20 ((notification\$2 OR alert\$2 OR notify\$4 OR email\$3 OR e-mail\$2 OR message! OR messages!)) AND ((email\$3 OR e-mail\$3) NEAR2 address\$2) NOT @AD>19991230	USPAT	2004/04/19 09:34
7	24	((toner\$2 NEAR10 (low! OR exhaust\$5))) AND ((email\$3 OR e-mail\$3) NEAR2 address\$2) NOT @AD>19991230	USPAT	2004/04/19 09:35
8	3	toner\$2 SAME ((email\$3 OR e-mail\$3) NEAR2 address\$2) NOT @AD>19991230	USPAT	2004/04/19 09:35

L Number	Hits	Search Text	DB	Time stamp
-	87	(boot same (peripheral print\$)) and (http web\$7 hypertext) same (configur\$ control)	USPAT; EPO; JPO; DERWENT; IBM TDB	2004/04/16 17:23
-	98	(boot same (peripheral print\$)) and (http web\$7 hypertext xml) same (configur\$ control)	USPAT; EPO; JPO; DERWENT; IBM TDB	2004/04/16 17:24
-	8	(boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command)	USPAT; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:01
-	0	((boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command)) not ((boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command))	USPAT; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:01
-	28	(boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:27
-	2474	((peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:27
-	285	((peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command) and (boot\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:27
-	257	((peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command) and (boot\$4) not ((boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:30
-	121	((peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command) and (boot\$4) not ((boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command))) and 709/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 20:30
-	46	((peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command) and (boot\$4) not ((boot same (peripheral print\$)) and (http web\$7 hypertext xml) same ((configur\$ control) same command))) and 709/223	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 22:50
-	3	((embedded adj web adj server) same (peripheral print\$)) and ((http web\$7 hypertext xml) same (configur\$ control)) and 709/223	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 22:53
-	119	((embedded adj web adj server) same (peripheral print\$)) and (http web\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 22:55
-	32	((embedded adj web adj server) same (peripheral print\$)) and (http web\$7) and 709/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 22:55
-	32	((embedded adj web adj server\$) same (peripheral print\$)) and (http web\$7) and 709/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/04/18 22:55

	96	((embedded same web same server\$) same (peripheral print\$)) and (http web\$7) and 709/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/18 23:07
-	40	"5996010"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/18 22:59
-	0	helms.in	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/19 00:00
-	2053	helms.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/19 00:01
-	2	helms.in. and firewall	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/19 00:01
-	96	((embedded same web same server\$) same (peripheral print\$)) and (http html web\$7) and 709/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/19 04:49
-	2	("6317848").PN.	USPAT; EPO; JPO; DERWENT; IBM TDB USPAT;	2004/04/19 04:50

US-PAT-NO: 6108099  
DOCUMENT-IDENTIFIER: US 6108099 A  
TITLE: Image forming apparatus and management system therefor

----- KWIC -----

Detailed Description Text - DETX (30) :

The system controller 1 then generates a guidance message on the display panel unit 15 which encourages an input of an E-mail address to be used to order the toner (107). When an operator has inputted the E-mail address (Yes in step 108), the system controller 1 stores the inputted E-mail address in the parameter memory 3. This E-mail address indicates where to order the toner (108).

Detailed Description Text - DETX (32) :

In FIG. 4, the E-mail address indicating where to notify of the abnormal conditions is stored in step 103 in FIG. 3 as [syomu @ xxx. co.jp], and this is an assigned address for an official responsible for the facsimile machine 20 in the LAN 50. Further, the E-mail address indicating where to order the paper is stored in step 106 in FIG. 3 as [paper @ zzz. co.jp], and this is an address of a dealer that handles the recording paper and the address is also typically in a wide-area network like the Internet which is connected to the LAN 50. Furthermore, the E-mail address indicating where to order the toner is stored in step 109 in FIG. 3 as [toner @ yyy. co.jp], and this is all address of a dealer that handles the toner and the address is also typically in a wide-area network like the Internet which is connected to the LAN 50.

Detailed Description Text - DETX (52) :

Now, returning to FIG. 5, when a toner empty is detected by the toner empty sensor 11 (Yes in step 203), the system controller 1 reads out an E-mail address indicating where to notify of the abnormal conditions, which is stored in step 103 in FIG. 1, from the parameter memory 3 (212). Further the system controller 1 reads out an E-mail address indicating where to order the toner, which is stored in step 109 in FIG. 1, from the parameter memory 3 (213).

Detailed Description Text - DETX (57) :

The E-mail address of the facsimile machine 20 is embedded in the [From] field. The E-mail address indicating where to notify of the abnormal conditions is embedded in the [To] field. Further, the E-mail address indicating where to order the toner is embedded in the [Reply-to] field, and the title of the mail is embedded in the [Subject] field.

Detailed Description Text - DETX (61) :

Accordingly, if there is no backup supply of toner, the responsible official can order the toner bottle easily by sending the E-mail to the address embedded in the [Reply-to] field.